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| <p style="text-align: center;">O I P E JUL 09 2002 FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT</p> | | | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 | |
| | | | | APR 2002 EXAMINER INITIALS SEARCHED | APPLICANT Burn et al. | |
| | | | | FILING DATE October 11, 2001 | GROUP 2152 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|-----------|---------|-----------------|-----------|-------------|
| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| JJ | AA1 | 5,293,379 | 03/1994 | Carr | 370 | 94.1 |
| JJ | AB1 | 5,831,558 | 11/1998 | Harvell | 341 | 106 |
| JJ | AC1 | 6,032,197 | 02/2000 | Birdwell et al. | 709 | 247 |
| | AD1 | | | | | |
| | AE1 | | | | | |
| | AF1 | | | | | |
| | AG1 | | | | | |
| | AH1 | | | | | |
| | A11 | | | | | |
| | AJ1 | | | | | |
| | AK1 | | | | | |

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FOREIGN PATENT DOCUMENTS

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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----------------|-----------------|---------|-------|-----------|-------------|
| JJ | AL1 | EP 0 806 852 A2 | 11/1997 | PCT | H04L | 5/14 |
| JJ | AM1 | EP 0 933 876 A1 | 08/1999 | PCT | H03M | 7/30 |
| | AN1 | | | | | Yes No |
| | A01 | | | | | Yes No |
| | AP1 | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|----|----|---|--|
| JJ | AR | 1 | "Radio Frequency Interface Specification SP-RFIV1.1-I05-000714," Data-Over-Cable Service Interface Specifications, July 14, 2000, retrieved from the Internet on May 20, 2002:<URL: http://www.docsis.org/docs/SP-RFIV1.1-I05-000714.pdf >, pp. i-xviii, 1-6, 15-21, 93-100, 143-178. |
| JJ | AS | 1 | "Transparent Automodem Procedure between a Local (Client) Modem and a Remote (Server) Modem," Research Disclosure, Kenneth Mason Publications, August 1999, pp. 1138-39. |
| JJ | AT | 1 | Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31554, 7 Pages. |

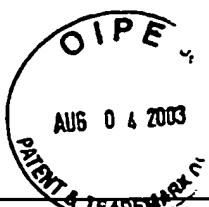
| | | |
|----------------------|------------|----------------------------|
| EXAMINER INITIALS | Joshua Jco | DATE CONSIDERED 6/20/05 |
|----------------------|------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

| <p style="text-align: center;">O I P E PATENT EXAMINER INITIAL RECEIVED JUL 09 2002</p> <p style="text-align: center;">FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT</p> | | | | ATTY. DOCKET NO. 1875.0680002 | | APPLICATION NO. 09/973,783 |
|---|-----------------|------|---|----------------------------------|-----------------|-------------------------------|
| | | | | APPLICANT Bunn et al. | | |
| | | | | FILING DATE OCTOBER 11, 2001 | | GROUP 2152 |
| | | | | U.S. PATENT DOCUMENTS | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| AA2 | | | | | | |
| AB2 | | | | | | |
| AC2 | | | | | | |
| AD2 | | | | | | |
| AE2 | | | | | | |
| AF2 | | | | | | |
| AG2 | | | | | | |
| AH2 | | | | | | |
| AI2 | | | | | | |
| AJ2 | | | | | | |
| AK2 | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| | AL2 | | | | | Yes No |
| | AM2 | | | | | Yes No |
| | AN2 | | | | | Yes No |
| | AO2 | | | | | Yes No |
| | AP2 | | | | | Yes No |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
| JJ | AR | 2 | Perkins, S.J. and Mutka, M.W., "Dependency Removal for Transport Protocol Header Compression over Noisy Channels," IEEE, 1997, pp. 1025-1029. | | | |
| JJ | AS | 2 | Jacobson, V., "Compressing TCP/IP Headers," RFC 1144, Network Working Group, February 1990, pp. 1-43. | | | |
| JJ | AT | 2 | Copy of International Search Report issued April 4, 2002 for Appln. No. PCT/US01/31556, 7 pages. | | | |
| EXAMINER | | | | | DATE CONSIDERED | |
| <p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> | | | | | | |

| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT <i>JUL 09 2002</i> | | | | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 | |
|--|-----------------|------|---|--|----------------------------------|---------------------------------|--------------------|
| | | | | | APPLICANT Bunn et al. | FILING DATE October 11, 2001 | |
| U.S. PATENT DOCUMENTS | | | | | GROUP 2152 | | |
| EXAMINER INITIAL <i>DEMAK</i> | DOCUMENT NUMBER | DATE | NAME | | CLASS | SUB-CLASS | FILING DATE |
| AA3 | | | | | | | |
| AB3 | | | | | | | |
| AC3 | | | | | | | |
| AD3 | | | | | | | |
| AE3 | | | | | | | |
| AF3 | | | | | | | |
| AG3 | | | | | | | RECEIVED |
| AH3 | | | | | | | <i>JUL 10 2002</i> |
| AI3 | | | | | | | |
| AJ3 | | | | | | | |
| AK3 | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | | CLASS | SUB-CLASS | TRANSLATION |
| AL3 | | | | | | | Yes No |
| AM3 | | | | | | | Yes No |
| AN3 | | | | | | | Yes No |
| AO3 | | | | | | | Yes No |
| AP3 | | | | | | | Yes No |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| JJ | AR | 3 | Salomon, D., <i>Data Compression: The Complete Reference</i> , Springer, US, New York, NY, 1998, pp. 101-162 and 357-360. | | | | |
| JJ | AS | 3 | Copy of International Search Report issued April 4, 2002 for Appn. No. PCT/US01/31553, 7 pages. | | | | |
| JJ | AT | 3 | Casner, S. et al., "Compressing IP/UDP/RTP Headers for Low-Speed Serial Links," Network Working Group, February 1999, pp. 1-23. | | | | |
| EXAMINER <i>Josh Jeo</i> | | | | | DATE CONSIDERED 6/20/05 | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |

| <p style="text-align: center;">FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT</p> <p style="text-align: center;">JUL 09 2002 U.S. PATENT DOCUMENTS</p> <p style="text-align: center;">EXAMINER INITIAL ADEMAK JESSE</p> | | | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 | |
|--|-----------------|------|---|----------------------------------|-------------------------------|-------------|
| | | | | APPLICANT Bunn et al. | | |
| | | | | FILING DATE October 11, 2001 | GROUP 2152 | |
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| AA4 | | | | | | |
| AB4 | | | | | | |
| AC4 | | | | | | |
| AD4 | | | | | | |
| AE4 | | | | | | |
| AF4 | | | | | | |
| AG4 | | | | | | |
| AH4 | | | | | | |
| AI4 | | | | | | |
| AJ4 | | | | | | |
| AK4 | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| | AL4 | | | | | Yes No |
| | AM4 | | | | | Yes No |
| | AN4 | | | | | Yes No |
| | AO4 | | | | | Yes No |
| | AP4 | | | | | Yes No |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
| JJ | AR | 4 | Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31559, 6 pages. | | | |
| JJ | AS | 4 | Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31567, 6 pages. | | | |
| | AT | 4 | | | | |
| EXAMINER <i>Joshua Jeon</i> | | | | DATE CONSIDERED <i>6/20/05</i> | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | |



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| FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 |
| | | APPLICANT: BUNN et al. | |
| | | FILING DATE: October 11, 2001 | GROUP: 2152 |

U. S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----|-----------------|---------|-------------------|-------|-----------|------------------------|
| | AA1 | | | | | | |
| | AB1 | | | | | | |
| | AC1 | | | | | | |
| JJ | AD1 | 6,295,481 | 09/2001 | Price | | | RECEIVED |
| JJ | AE1 | 6,438,123 | 08/2002 | Chapman | | | AUG 06 2003 |
| JJ | AF1 | 5,307,413 | 04/1994 | Denzer | | | |
| JJ | AG1 | 6,198,735 | 03/2001 | Pazhyannur et al. | | | Technology Center 2100 |
| JJ | AH1 | 6,542,931 | 04/2003 | Le et al. | | | |
| JJ | AI1 | 6,434,168 | 08/2002 | Kari | | | |
| | AJ1 | | | | | | |
| | AK1 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----|-----------------|------|---------|-------|-----------|-------------|
| | AL1 | | | | | | Yes No |
| | AM1 | | | | | | Yes No |
| | AN1 | | | | | | Yes No |
| | AO1 | | | | | | Yes No |
| | AP1 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|----|----|---|--|
| | AR | 1 | |
| | AS | 1 | |
| JJ | AT | 4 | International Preliminary Examination Report for PCT/US01/31559, dated November 25, 2002, (4 pages). |

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| EXAMINER | <i>Joshua Dea</i> | DATE CONSIDERED |
| | | <i>6/20/05</i> |

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| FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 |
| | | APPLICANT: BUNN et al. | |
| | | FILING DATE: October 11, 2001 | GROUP: 2152 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----|-----------------|------------|-------------|-------|-----------|-------------|
| | AA1 | | | | | | |
| | AB1 | | | | | | |
| | AC1 | | | | | | |
| | AD1 | | | | | | |
| | AE1 | | | | | | |
| | AF1 | | | | | | |
| | AG1 | | | | | | |
| | AH1 | | | | | | |
| | AI1 | | | | | | |
| JJ | AJ1 | 2002/0073227 | 06/13/2002 | BUNN et al. | | | |
| JJ | AK1 | 2002/0080868 | 06/27/2002 | BUNN et al. | | | |

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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----|-----------------|------|---------|-------|-----------|-------------|
| | AB1 | | | | | | Yes No |
| | AM1 | | | | | | Yes No |
| | AN1 | | | | | | Yes No |
| | AO1 | | | | | | Yes No |
| | AP1 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | 1 | |
| | AS | 1 | |
| | AT1 | 1 | |

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| EXAMINER | <i>Jessica Jee</i> | DATE CONSIDERED 6/20/05 |
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| FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 |
| | | APPLICANT: BUNN et al. | |
| | | FILING DATE: October 11, 2001 | GROUP: 2152 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----|-----------------|------------|-------------|-------|-----------|-------------|
| JJ | AA2 | 2002/0062394 | 05/23/2002 | BUNN et al. | | | |
| JJ | AB2 | 2002/0106029 | 08/08/2002 | BUNN et al. | | | |
| | AC2 | | | | | | |
| | AD2 | | | | | | |
| | AE2 | | | | | | |
| | AF2 | | | | | | |
| | AG2 | | | | | | |
| | AH2 | | | | | | |
| | AI2 | | | | | | |
| | AJ2 | | | | | | |
| | AK2 | | | | | | |

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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----|-----------------|------|---------|-------|-----------|-------------|
| | AL2 | | | | | | Yes No |
| | AM2 | | | | | | Yes No |
| | AN2 | | | | | | Yes No |
| | AO2 | | | | | | Yes No |
| | AP2 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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|--|----|---|--|
| | AR | 2 | |
| | AS | 2 | |
| | AT | 2 | |

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| EXAMINER <i>Joshua, Jon</i> | DATE CONSIDERED 6/20/05 |
|-----------------------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

| | | | | ATTY. DOCKET NO. 1875.0680002 | APPLICATION NO. 09/973,783 | | |
|--|--------------------|-----------------|---|-----------------------------------|-------------------------------|-----------|-------------|
| | | | | FIRST NAMED INVENTOR: BUNN et al. | | | |
| | | | | FILING DATE: October 11, 2001 | ART UNIT: 2152 | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| | AA2 | | | | | | |
| | AB2 | | | | | | |
| JJ | AC2 | 6,300,887 | 10/2001 | Le | | | |
| JJ | AD2 | 5,987,022 | 11/1999 | Geiger et al. | | | |
| JJ | AE2 | 6,195,391 | 02/2001 | Hancock et al. | | | |
| JJ | AF2 | 6,542,504 | 04/2003 | Mahler et al. | | | |
| | AG2 | | | | | | |
| | AH2 | | | | | | |
| | AI2 | | | | | | |
| | AJ2 | | | | | | |
| | AK2 | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| | AL2 | | | | | | Yes |
| | AM2 | | | | | | No |
| | AN2 | | | | | | Yes |
| | AO2 | | | | | | No |
| | AP2 | | | | | | Yes |
| | | | | | | | No |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| JJ | AR | 5 | Jacobson, V., "Compressing TCP/TP Headers For Low-Speed Serial Links", RFC 1144, Feb. 1990. | | | | |
| | AS | 1 | | | | | |
| | AT | 1 | | | | | |
| EXAMINER | <i>Joshua Jeen</i> | | | DATE CONSIDERED 6/20/05 | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |